

REMARKS

Applicants have amended the Brief Description of the Figures and the specification to indicate sequence identifier numbers where appropriate.

With respect to the paper and computer readable copy of the sequence listing, Applicants submit herewith a paper and computer readable copy of the sequence listing as required by the Notice to file Missing Parts. As required by 37 C.F.R. §1.821(f), Applicant's Attorney hereby states that the content of the "Sequence Listing" in paper form and the computer readable form of the "Sequence Listing" are the same and, as required by 37 C.F.R. §1.821(g), also states that the submission includes no new matter. Applicants request that the sequence listing be entered in the above-captioned application.

Applicants have amended Figures 2A and 6B, as well as the figure legends for Figures 1, 2, and 6 to include SEQ ID Nos where appropriate.

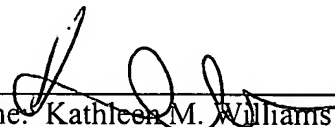
The first paragraph of the specification has been amended to reflect the correct filing date of priority document U.S. Application Serial No. 08/810,028, which is March 3, 1997. A typographical error resulted in the incorrect filing date of March 4, 1997, being listed for priority document U.S. Application Serial No. 08/810,028.

Applicant submits that all claims are allowable as written and respectfully request early favorable action by the Examiner. If the Examiner believes that a telephone conversation with Applicant's attorney/agent would expedite prosecution of this application, the Examiner is cordially invited to call the undersigned attorney/agent of record.

Respectfully submitted,

Date:

April 12, 2004


Name: Kathleen M. Williams

Registration No.: 34,380

Customer No.: 29933

Palmer & Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100

FIG. 2A
FIG. 2B

FIG. 2

SEQ ID NO: 5	CCR5	1 MDTQVSSPFDINNYTSEPCOKINVKQIMARLLPPLYSLVFIQFVGNMLVILINCKRLKSMTDIYLLNLAISDILFLIT	83
SEQ ID NO: 7	hcc-R2b	6 MLSTSRSRFIRNTNESGEVTTFFDYDGNPCPKFTVVKQIQEAGLLPPLYSLVFIQFVGNMLVILINCKRLKELTDIYLLNLAISDILFLIT	95
SEQ ID NO: 8	hcc-R3	MTSLDTVETFGTTSYDDVGLICEKADTRALMAQFVPLYSLVFTVGLIGNVWMLIKYRRIRMTNIIYLLNLAISDILFLIT	87
SEQ ID NO: 9	hcc-R1	METPNATEDYDTTTFDDGDATEPCOKMERAFGALLPPLYSLVFIQFVGNMLVILINCKRLKSMTDIYLLNLAISDILFLIT	87
SEQ ID NO: 10	hcc-R4	MNPTDIADTTLDESISNLYLESIPKPTKEGKAFGELFPLPLYSLVFIQFVGNMLVILINCKRLKSMTDIYLLNLAISDILFLIT	92

SEQ ID NO: 11	CCR5	VFWAHYAANQWDFGNVQCLLTGLYFICGFFSGIFFIILLTIDRYLAIVHAVFALKARTVTFGVTSVITWVAVFASLPGIIFTRSQEGIH	177
SEQ ID NO: 12	hcc-R2b	LPLWAHSAANQWDFGNVQCLLTGLYFICGFFSGIFFIILLTIDRYLAIVHAVFALKARTVTFGVTSVITWVAVFASLPGIIFTRSQEDSV	189
SEQ ID NO: 13	hcc-R3	LPLWYHVRGHVWFGHGVNLLISFHTHTLYSEIFFIILLTIDRYLAIVHAVFALKARTVTFGVTSVITWVAVFASLPGIIFTRSQEELFEE	182
SEQ ID NO: 14	hcc-R1	LPLWIDYKLKDDWFGDAMCKILSGFWTGLYSEIFFIILLTIDRYLAIVHAVFALKARTVTFGVTSVITWVAVFASLPGIIFTRSQEWEFTH	182
SEQ ID NO: 15	hcc-R4	LPLWGVYAANQWDFGNVQCLLTGLYFICGFFSGIFFIILLTIDRYLAIVHAVFALKARTVTFGVTSVITWVAVFASLPGIIFTRSQEWEFTH	186

FIG. 2A



SEQ ID NO: 11

SEQ ID NO: 12

SEQ ID NO: 13

CCRS F P Y S Q Y Q F W K N F Q T L K I V I L G L V L P
TTTCCATACagtcagtatcaattctggaagaattccagacaTTAAGATAGTCATCTGGGGCTGGTCTGCGG
Δccr5 F P Y I K D S H L G A G P A

deletion

CCRS L L V M V I C Y S G I L K T L L R C R N E K K R
CTGCTTGTCA TGTCATCTGCTACTCGGGAATCTTAAACCTGCTTCGGTGTGGAATGAGAGAAGAGG
Δccr5 A A C H G H L L L G N P K N S A S V S K °

FIG. 6B